

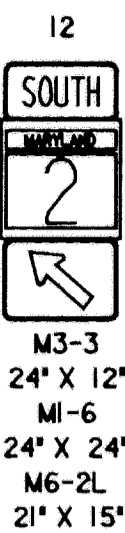
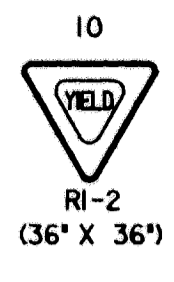
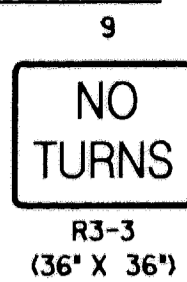
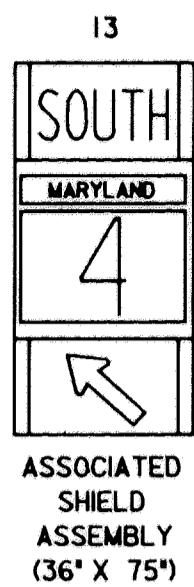
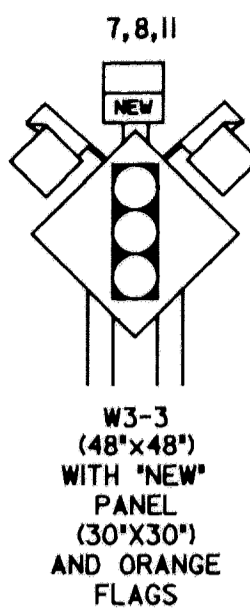
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

MD 2/4 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH TWIN 60 FT./40 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, MAST ARM MOUNTED SIGN, POLE MOUNTED SIGN, AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BEND)
- INSTALL MICROLOOP PROBE SET.
- INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING. (2-4-2) QUADRUPOLE TYPE.
- INSTALL HANDHOLE.
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BENDS).
- INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- REMOVE EXISTING W3-1A SIGN AND WOOD SUPPORTS.
- INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- INSTALL 4 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
- INSTALL W 3-3 SIGN (48 IN. X 48 IN.) ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 775 FT. IN ADVANCE OF THE INTERSECTION ON NORTHBOUND MD 2/4 AND APPROXIMATELY 625 FT. IN ADVANCE OF THE INTERSECTION ON SOUTHBOUND MD 2.
- INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- REMOVE R1-1 SIGN FROM EXISTING WOOD POST.
- INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- INSTALL 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 40 FT. LIGHTING STRUCTURE WITH 20 FT. BRACKET ARM, BREAKAWAY BASE SUPPORT SYSTEM, AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BEND).
- INSTALL M3-3 "SOUTH", M1-6 "MD 2" AND M6-2 "DIAG. ARROW" SIGNS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- INSTALL R1-2 "YIELD" SIGN ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS.
- REMOVE EXISTING R1-2 SIGN AND WOOD SUPPORTS.
- INSTALL 5 IN. SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- INSTALL 5 IN. SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR TELEPHONE SERVICE.
- REMOVE EXISTING PAVEMENT MARKINGS.

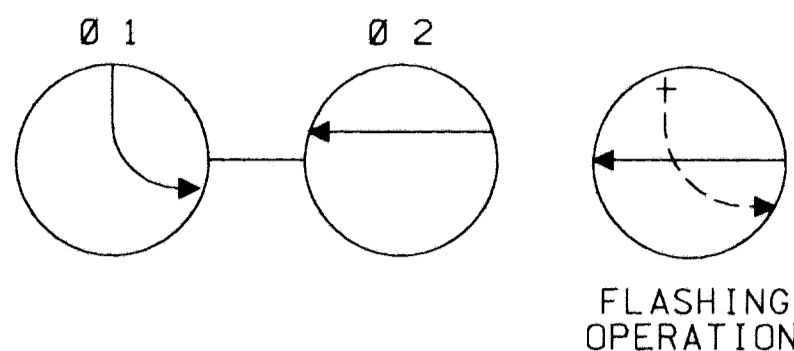
SIGNS



SIGNAL HEADS



NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

TO DUNKIRK, MD

MD 4 N.B.R.

MD 4 S.B.R.

TO PRINCE FREDERICK, MD

MD 2/4 N.B.R.

MD 2/4 S.B.R.

LEGEND OF UNDERGROUND
AND OVERHEAD UTILITIES

AERIAL CABLE	—A—
ELECTRICAL	—E—
TELEPHONE	—T—
GAS	—G—
SEWER	—S—
WATER	—W—
CABLE TV	—TV—

WR&A
Whitman, Requardt and Associates
ENGINEERS AND PLANNERS
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	<i>[Signature]</i> CHIEF, SIGNAL DESIGN SECTION	
	<i>[Signature]</i> ASST. DISTRICT ENGINEER, TRAFFIC	
	<i>[Signature]</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	<i>[Signature]</i> DIRECTOR, OFFICE OF TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 2 AND MD 4

DATE: 11-7-95	DRAWN BY: S. BLOSS	F.A.P. NO. NHG-STPG-0005(302E)	PLAN SHEET NO.: T5-3531	SHEET NO. OF
SCALE: 1"=20'	DESIGNED BY: T. ZAYDEL	S.H.A. NO. AW-793-585		
APPROVED BY: <i>[Signature]</i>	CHECKED BY: T. HANNAN	COUNTY: CALVERT		